<u>**AMENDMENTS TO THE CLAIMS**</u>

Please amend **Claims 1, 27, and 33** as follows, without prejudice or disclaimer to continued examination on the merits:

1. (Currently Amended):   A method for surveying a wireless network site, the method comprising the steps of:

      (a) contacting a wireless network receiver or a proxy therefor;

      (b) receiving one or more client identifiers from the contacted receiver or proxy;

      (c) receiving coordinate information <u>of one or more clients</u> from the contacted receiver or proxy;

      (d) correlating the received one or more client identifiers with the received coordinate information;

      (e) receiving RF signal characteristic data <u>of the one or more clients</u>;

      (f) storing survey data based upon the received one or more client identifiers, the received coordinate information and the received RF signal characteristic data; and

      (g) utilizing the survey data as calibration information for monitoring the wireless network site, wherein the monitoring comprises monitoring all wireless devices accessing the wireless network site, and wherein the calibration information is used to adjust a plurality of threshold values used in monitoring the wireless network site.

2. (Original): The method of claim 1, wherein the step of contacting the receiver or proxy occurs via a communication channel employing encryption technology, authentication technology or combinations thereof.

3. (Original): The method of claim 1, wherein the step of contacting the receiver or proxy comprises the step of transmitting a start signal to the receiver or proxy.

4. (Previously Presented):   The method of claim 3, further comprising the step of transmitting a stop signal to the contacted receiver or proxy and wherein the step of receiving the RF signal characteristic data occurs after the transmission of the stop signal.

5. (Previously Presented): The method of claim 4, further comprising the step of transmitting a request for the RF signal characteristic data to the contacted receiver or proxy.

6. (Original): The method of claim 4, wherein the transmitted stop signal comprises a request for the RF signal characteristic data.

7. (Previously Presented): The method of claim 1, further comprising the step of receiving a survey request from a user or from a computer system and wherein the step of contacting the receiver or proxy occurs in response to the received survey request.

8. (Previously Presented): The method of claim 1, further comprising the step of determining whether a site survey is required and wherein the step of contacting the receiver or proxy occurs in response to the determination that a site survey is required.

9. (Previously Presented): The method of claim 1, further comprising the step of transmitting a start signal to the receiver or proxy.

10. (Previously Presented): The method of claim 1, further comprising the step of repeating steps (a) through (g) for one or more additional wireless receivers or proxies therefor; and

monitoring the wireless network site utilizing one or more detection tests, wherein the one or more detection tests utilize the plurality of threshold values to detect one or more of anomalous behavior, attack signatures, protocol violations, and policy violations.

11. (Previously Presented): The method of claim 1, further comprising the steps of receiving a request for survey data from a requestor and transmitting the stored survey data to the requestor.

12. (Previously Presented): The method of claim 1, wherein the contacted wireless receiver or proxy therefor is a wireless receiver, wherein the contacted wireless receiver is a wireless network sensor or a combined sensor/access point, and wherein the wireless network sensor and combined sensor/access point each comprise a system processor configured to determine the one or more client identifiers, calculate the coordinate information, correlate the received one or more client identifiers with the received coordinate information, and determine the RF signal characteristic data.

13. (Previously Presented): The method of claim 1, wherein the contacted wireless receiver or proxy therefor is a wireless receiver proxy and wherein the contacted wireless receiver proxy is associated with one or more wireless receivers, one or more wireless receivers proxy or combinations thereof; and

wherein the one or more wireless receivers each comprise one of a wireless network sensor, an access point, and a combined sensor/access point.

14. (Original): The method of claim 13, wherein the one or more client identifiers, the coordinate information and the RF signal characteristic data received from the contacted wireless receiver proxy are based at least in part upon client identifiers, coordinate information and RF signal characteristic data received by the contacted wireless receiver proxy from wireless receivers or wireless receiver proxies associated with the contacted wireless receiver proxy.

15. (Original): The method of claim 1, wherein the step of receiving one or more client identifiers comprises receiving a wireless service set identifier (SSID).

16. (Original): The method of claim 1, wherein each received client identifier is a device hardware address.

17. (Original): The method of claim 1, wherein the received coordinate information comprises one or more pixel positions.

18. (Original): The method of claim 17, wherein the received coordinate information further comprises a pixel map image of the site that is being surveyed.

19. (Original): The method of claim 18, wherein the pixel map is a bitmap.

20. (Original): The method of claim 18, wherein the pixel map represent a floor plan of the physical location.

21. (Previously Presented): The method of claim 1, further comprising receiving a pixel map image of the site that is being surveyed.

22. (Original): The method of claim 21, wherein the received coordinate information comprises one or more pixel positions corresponding to locations in the received pixel map.

23. (Original): The method of claim 1, wherein the received RF signal characteristic data comprises one or more characteristics selected from the group consisting of signal strength, signal to noise ratio and noise level.

24. (Original): The method of claim 1, where in the correlating step comprises linking the received RF signal characteristic data with received coordinate information.

25. (Original): The method of claim 24, wherein the linking step comprises the step of mapping the received coordinate information to the received one or more client identifiers based upon the RF signal characteristics.

26. (Original): One or more computer readable media that store instructions that upon execution by a system processor cause the system processor to perform the method of any of claims 1 through 25.

27. (Currently Amended):   A   wireless   network   site   survey   system,   the   system comprising:

(a) a system data store capable of storing a pixel map representing a site to be surveyed, one or more client identifiers, one or more pixel positions and RF signal characteristic data;

(b) a communication interface allowing communication with a wireless network receiver or a proxy therefore; and

(c) a system processor in communication with the system data store and the communication interface, the system processor comprising one or more processing elements programmed or adapted to:

(i) receive one or more MAC addresses corresponding to wireless clients from a wireless network receiver or proxy therefor via the communication interface;

(ii) receive one or more pixel positions of the wireless clients from the wireless network receiver or proxy therefor via the communication interface;

(iii) receive RF signal characteristic data of the wireless clients via the communication interface, wherein the RF signal characteristic data comprises one or more characteristics selected from the group consisting of signal strength, signal to noise ratio and noise level;

(iv) associate the received one or more pixel positions with the received RF characteristic data;

(v) map the one or more received MAC addresses to one or more pixel positions based upon the received RF signal characteristic data;

(vi) store the mapped one or more MAC addresses in the system data store;

(vii) receive a pixel map corresponding to a site that is being surveyed; and

(viii) utilize the mapped one or more MAC addresses as calibration information for monitoring the wireless clients, wherein the monitoring comprises monitoring all wireless devices accessing a wireless network site; and wherein the calibration information is used to adjust a plurality of threshold values used in monitoring the wireless network site.

28. (Previously Presented):   The system of claim 27, further comprising one of a wireless network sensor and a combined access point/sensor, wherein each of the wireless network sensor and a combined access point/sensor comprise a wireless network receiver; and

wherein the wireless network sensor and combined sensor/access point each comprise a system processor configured to determine the one or more client identifiers, calculate the coordinate information, correlate the received one or more client identifiers with the received coordinate information, and determine the RF signal characteristic data.

29. (Previously Presented):   The system of claim 28, further comprising a wireless network proxy for a plurality of access points, wireless network sensors, and combined access points/sensors; and

wherein each of the plurality of access points, wireless network sensors, and combined access points/sensors comprise a system processor configured to determine the one or more client identifiers, calculate the coordinate information, correlate the received one or more client identifiers with the received coordinate information, and determine the RF signal characteristic data.

30. (Previously Presented):   The system of claim 27, further comprising a wireless network proxy for a plurality of access points, wireless network sensors, and combined access points/sensors; and

wherein each of the plurality of access points, wireless network sensors, and combined access points/sensors comprise a system processor configured to determine the one or more client identifiers, calculate the coordinate information, correlate the received one or more client identifiers with the received coordinate information, and determine the RF signal characteristic data.

31. (Original): The system of claim 27, wherein the pixel map is received from the system data store.

32. (Original): The system of claim 27, wherein the pixel map is received from the wireless network receiver or proxy therefor via the communication interface.

33. (Currently Amended):   A wireless network site survey system, the system comprising:

first means for outputting one or more MAC addresses, coordinate information and one or more RF signal characteristics selected from the group consisting of signal strength, signal to noise ratio and noise level, wherein each of the MAC addresses, the coordinate information, and the one or more RF signal characteristics correspond to wireless devices accessing a wireless network;

storing means for storing a pixel map representing a site to be surveyed, one or more client identifiers, one or more pixel positions and RF signal characteristic data;

receiving means for receiving one or more MAC addresses, coordinate information and one or more RF signal characteristics from the first means, wherein the receiving means is in communication with a plurality of sensors, access points, and combined sensor/access points;

mapping means for associating the coordinate information with the received one or more RF signal characteristics from the receiving means and mapping the one or more MAC addresses to pixel locations in the pixel map based upon the associated coordinate information and RF signal characteristics;

output means for outputting the mapped MAC addresses and pixel locations to one or more output devices selected from the group consisting of a monitor, a data file, a printer, an HTML page, and a computer system; and

monitoring means for monitoring the wireless devices accessing a wireless network in the site, wherein the monitoring means utilize the one or more client identifiers, the one or more pixel positions and the RF signal characteristic data for calibration information, wherein the calibration information is used to adjust a plurality of threshold values used in monitoring the wireless network.